

Square Space Count

Count square units in rectangles.

GRADE 2 • TEKS 2.9.F

2.9.F "use concrete models of square units to find the area of a rectangle by covering it with no gaps or overlaps, counting to find the total number of square units, and describing the measurement using a number and the unit; and"

NAME _____

DATE _____

COUNT EVERY SQUARE

Cover a rectangle with equal square units. Keep the squares with no gaps or overlaps. Count all the squares and name the answer in square units.

WORKED EXAMPLE

A game board has 3 rows of 2 square spaces. How many square units cover the board?

1. Each row has 2 square units.
2. Count 3 rows: $2 + 2 + 2 = 6$.
3. The board covers 6 square units.

Answer: 6 square units

PRACTICE 4 problems

- 1** A robot card is covered by 4 rows of 4 square blocks. How many square units cover the card?

ANSWER _____

- 2** A snack tray has 1 row of 5 square cracker spaces. How many square units cover the tray?

ANSWER _____

- 3** A stamp strip has 5 rows of 1 square stamp space. How many square units cover the strip?

ANSWER _____

- 4** A pet bed is covered by 5 rows of 4 square tiles. How many square units cover the bed?

ANSWER _____

APPLY IT Show your work

- 1** A comic page has 6 rows of 1 square picture panel. How many square units are on the page?

WORK SPACE

ANSWER _____

- 2** A game prize mat has 6 rows of 4 square spaces. How many square units cover the mat?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A square dance floor has 5 rows of 5 square tiles. How many square units cover it? Write one sentence to explain.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A robot card is covered by 4 rows of 4 square blocks. How many square units cover the card?	16 square units
2	A snack tray has 1 row of 5 square cracker spaces. How many square units cover the tray?	5 square units
3	A stamp strip has 5 rows of 1 square stamp space. How many square units cover the strip?	5 square units
4	A pet bed is covered by 5 rows of 4 square tiles. How many square units cover the bed?	20 square units

PART 2 • APPLY IT

1. **6 square units** Count 1 square unit in each of 6 rows. The page has 6 square units.
2. **24 square units** Count 4 square units in each of 6 rows. The mat has 24 square units.

CHALLENGE

It has 25 square units because there are 5 rows of 5 square tiles.

Accept answers that include the correct number and the unit "square units." For the challenge, accept any one sentence that correctly explains counting 5 rows of 5.